YORK CE

E-II-AMR01M-0907

ENGLISH

INSTALLATION MANUAL

WIRE CONTROLLER OF AIR CONDITIONER
AMR01M

For correct installation, read this manual before starting installation.
Only trained and qualified service personnel should install, repair or service air conditioning equipment. Users should not install the air conditioner by themselves.
All pictures are only sketches. If there is any difference between pictures in this manual and the actual shape of the air conditioner you purchased, the actual shape shall prevail.

WIRE CONTROLLER INSTALLATION MANUAL

(Please K eep this manual in a safe place for future reference)

Model: AMR01M

SAFETY PRECAUTIONS

- Please read this safety precaution carefully before installation.
- Do observe the following safety precautions, for they are very important.
- Meaning of marks:

⚠ CAUTION	This sign warns of risk of death or serious in jury
⚠ NOTE	This sign warns of injury or damage to property

- Confirm there is no abnormal phenomena during test operation after installation completed, then hand the manual to the user.

⚠ **CAUTION**

Installation must be conducted by professionals

Others may perform improper installation which cause electric shock or fire.

Follow this manual as strictly as possible

Improper installation may cause electric shock or fire

Another installation must be performed by professionals

Improper installation may cause electric shock or fire

Don't disassemble your air conditioner at will

A random disassembly may cause abnormal operation or heating, which may result in fire.

⚠ **NOTE**

Don't install it in a place where combustible gas easily leaks

Once combustible gas leaks and remains around central Controller, fire may be caused

Wire must be suitable for the current of central Controller.

Otherwise electricity leakage or heating may be caused, which may result in fire

Wire must be suitable for central controller, never bring outside force to bear on the terminal

Otherwise wire break or heating may be caused, which may result in fire.

OTHER PRECAUTIONS

Installation Location

Do not install it in a place with oil, steam or sulphur gas, or else deform or malfunction may occur.

Preparation Before Installation

1. Make sure the following pasts has been prepared

Number	Name	Quantity	Note
1	Wire Controller	1	With Corer
2	Wood Mounting Screw	2	M4X16 (For Mounting on the Wall)
3	Mounting Screw	2	M4X25 (For Mounting on the Electrical Switch Box)
4	Installation Manual	1	————
5	Owner's Manual	1	————
6	5-terminal Group	1	RS9005E
7	Terminal Installation Screw	2	ST3.9x12-F-H

2. Preparing for the following at site

Number	Name	Quantity		Remarks
		Install into the Wall	Install On the Wall	
1	5-core Shield Cable	1	1	Take 0.05mm^2 5 Cable below 30m length
2	Switch Box	1	——	————
3	Wiring Tube (Insulating Sleeve and Tightening Screw)	1	——	————

Wire Controller Installation Notice

1. This installation manual contains information about the procedure of installing Wire Controller.
   Please refer to Indoor Unit Installation Manual for connecting between Wire Controller and Indoor Unit.
2. Circuit of Wire Controller is low voltage circuit. Never connect it with a standard 220V/380V circuit or put it into a same Wiring Tube with the circuit.
3. The shield cable must be connected stable to the ground, or transmission may fail.
4. Do not attempt to extend the shield cable by cutting, if it is necessary, use Terminal Connection Block to connect.
5. After finishing connection, do not use Megger to have the insulation check to the signal wire.

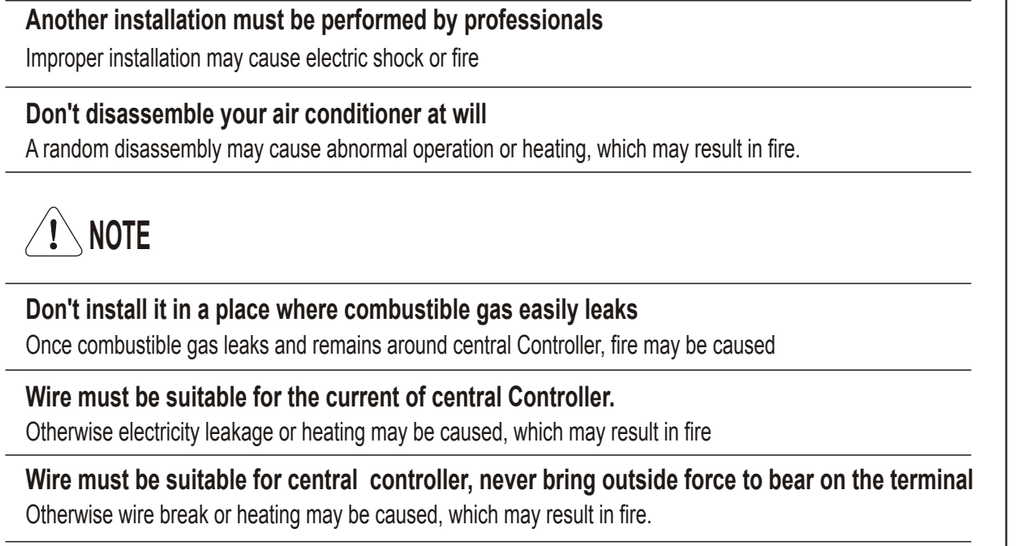
INSTALLATION PROCEDURE

● Installation into the wall

The diameter of Wire Controller wire must be suitable for its length.

Wiring Tube must be suitable for the wires.

Turn a screwdriver at the concave on bottom panel of the Wire Controller to remove the Cover.

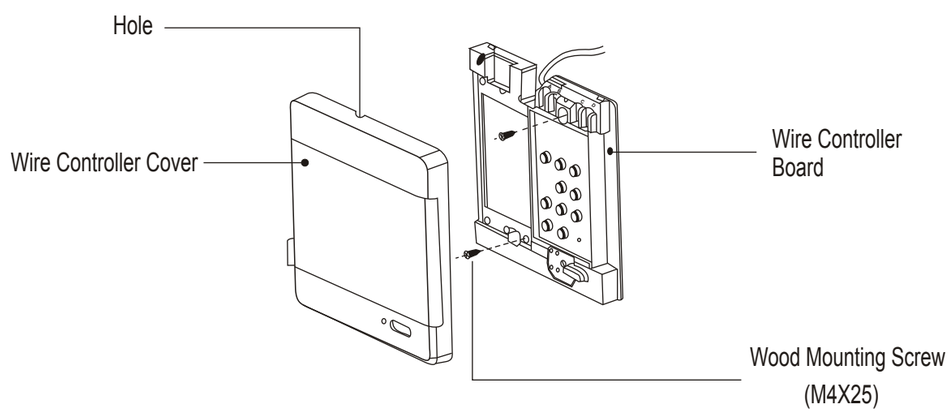


⚠ **NOTE**

- Never turn screws too tightly, or else the cover would be dented, or the Liquid Crystal breaks.
- Do not cut wires when installing Wire Controller cover.

● Installation on the wall

Cut a hole that can let a Three-cores Rubber Insulating Screen Cable pass by from the middle of Wire Controller Top Cover before installing.

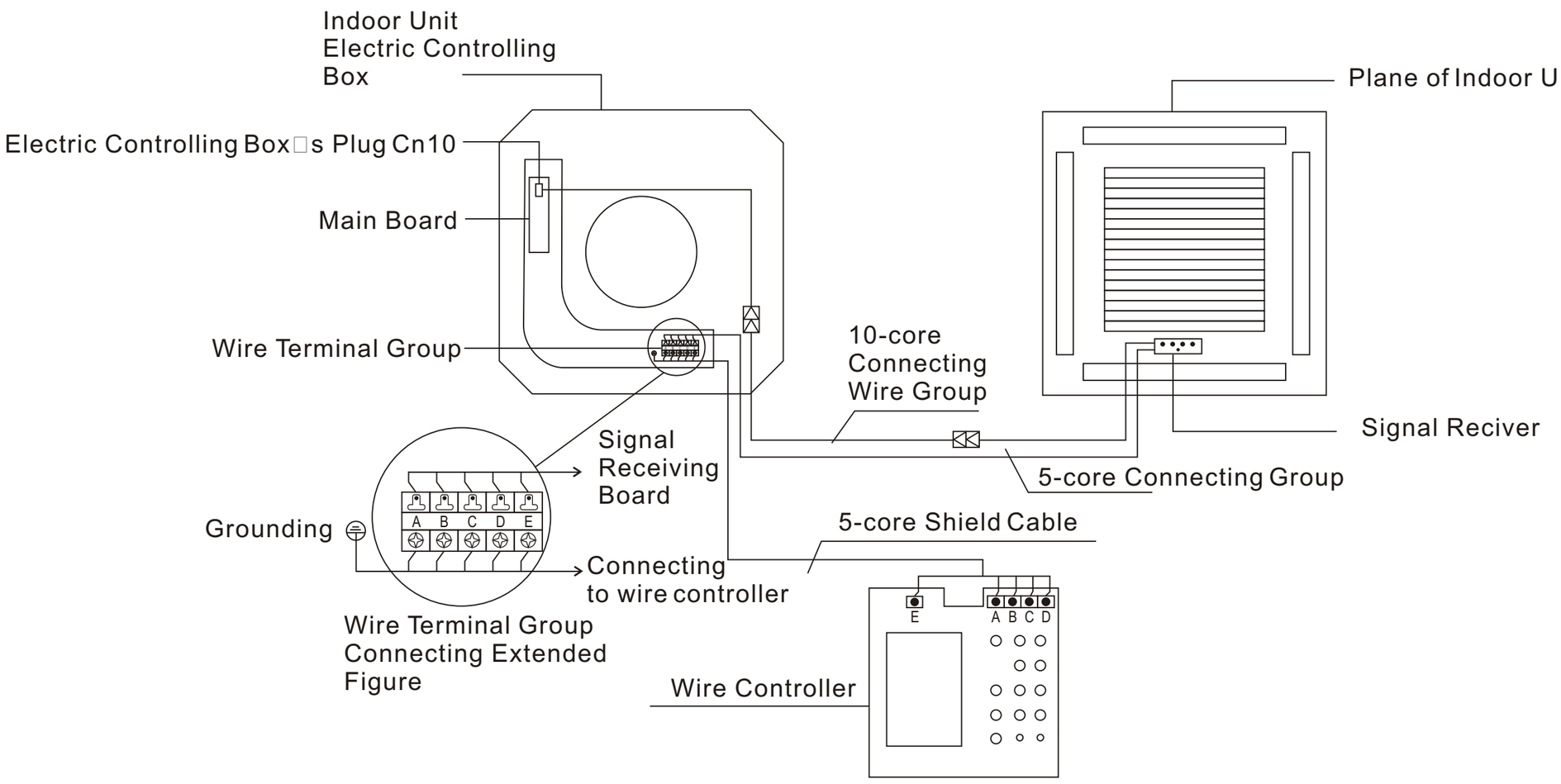


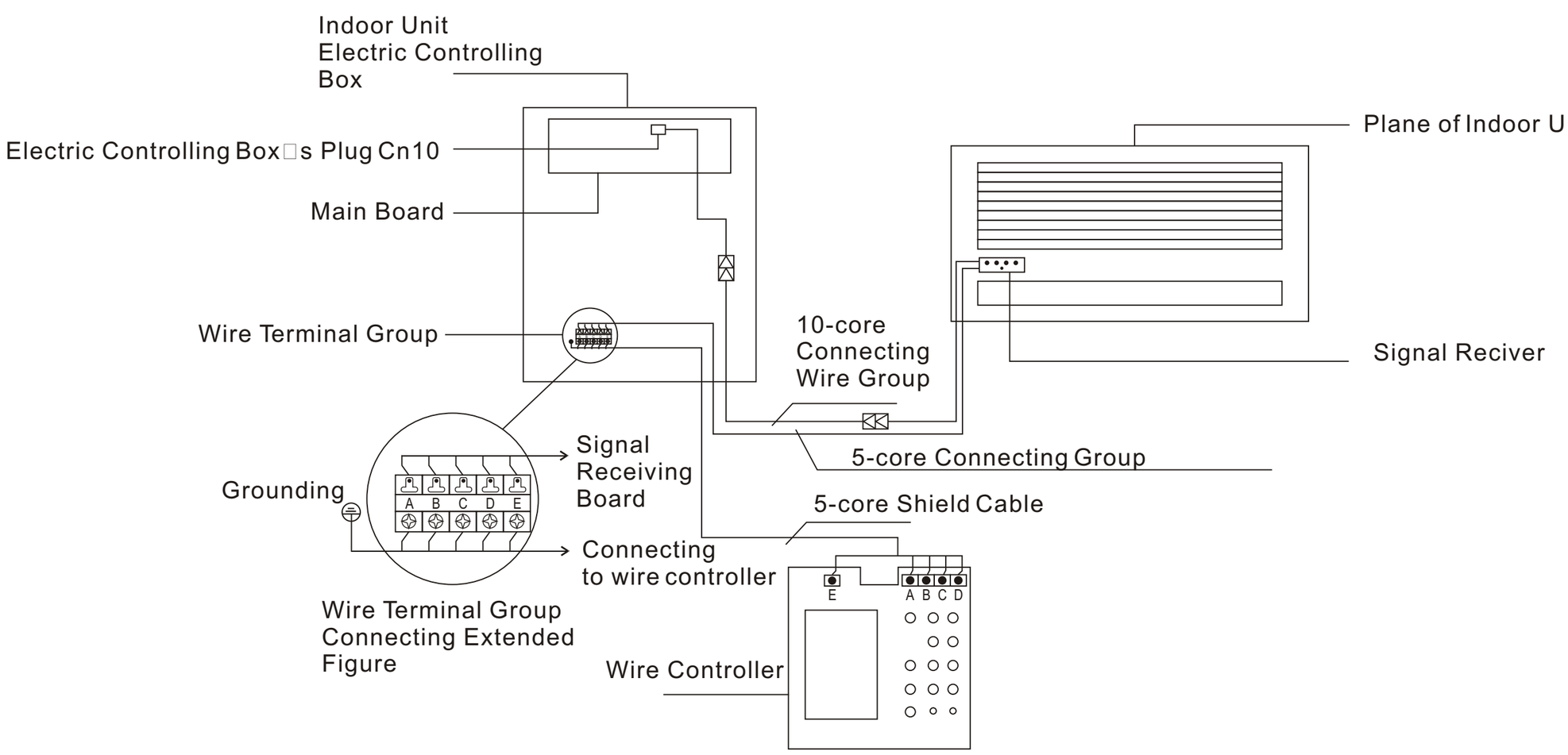
Refer to Electrical Switch Box Installation above for other installation information you need.

Use Clue around the Screen Cables and the Hole for sealing after installation completed.

⚠ **NOTE**

- Never turn screws too tightly, or else the cover would be dented or the Liquid Crystal breaks.
- Do not cut wires when installing Wire Controller Cover.
- Please leave enough long enough long cable for maintenance of the Wire Controller Board.


Indoor Unit
Electric Controlling
Box
Electric Controlling Box□s Plug Cn10
Main Board
Wire Terminal Group
10-core
Connecting
Wire Group
Plane of Indoor Unit
Signal Reciver
5-core Connecting Group
Signal
Receiving
Board
A B C D E
Grounding
Connecting
to wire controller
5-core Shield Cable
E
A B C D
Wire Controller
Wire Terminal Group
Connecting Extended
Figure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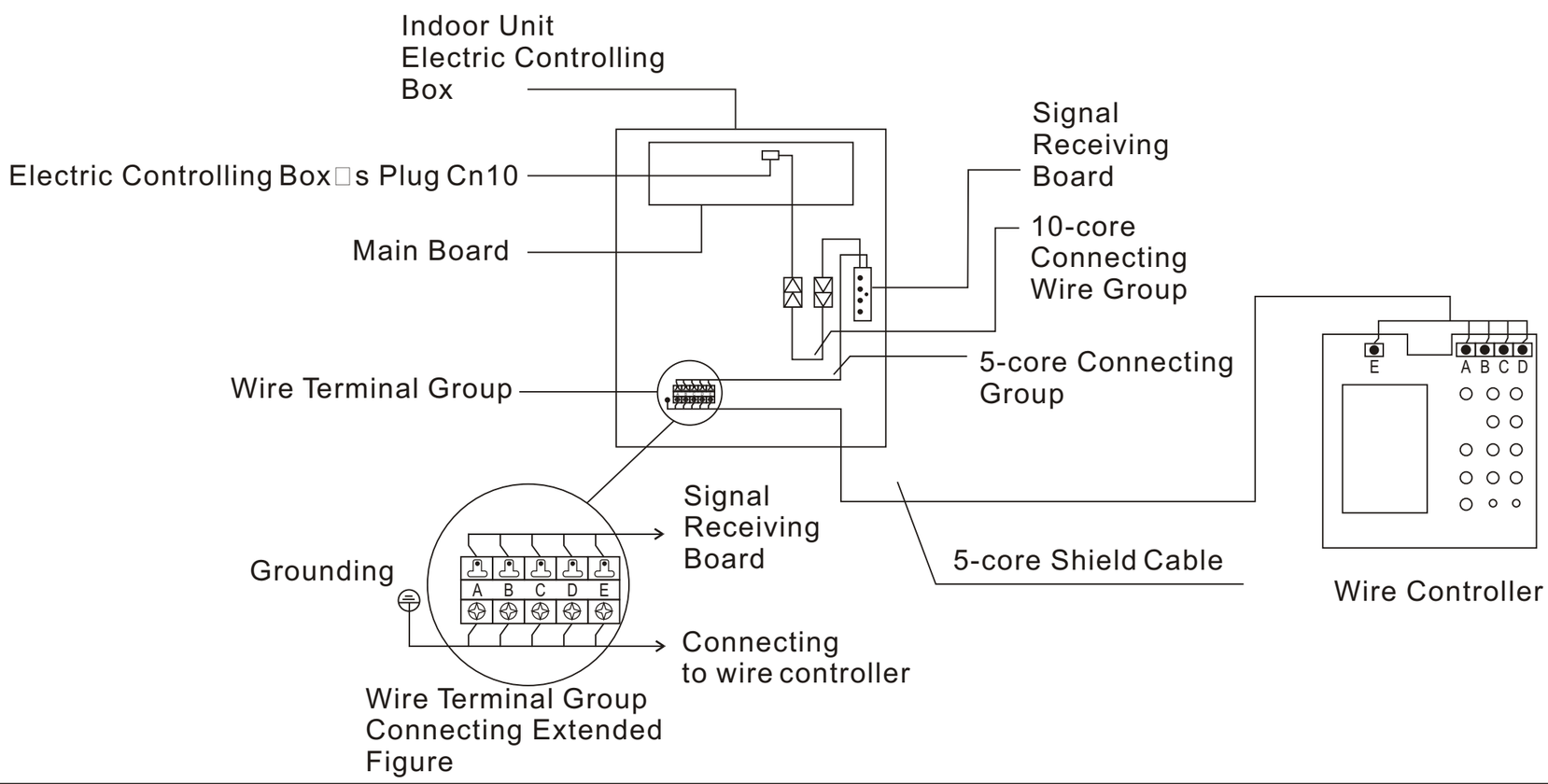
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Figure

DE - COMMISSIONING DISMANTLING & DISPOSAL

This product contains refrigerant under pressure, rotating parts, and electrical connections which may be a danger and cause injury!

All work must only be carried out by competent persons using suitable protective clothing and safety precautions.

Read the Manual

Risk of electric shock

Unit is remotely controlled and may start without warning

1. Isolate all sources of electrical supply to the unit including any control system supplies switched by the unit. Ensure that all points of electrical and gas isolation are secured in the OFF position. The supply cables and gas pipework may then be disconnected and removed. For points of connection refer to unit installation instructions.
2. Remove all refrigerant from each system of the unit into a suitable container using a refrigerant reclaim or recovery unit. This refrigerant may then be re-used, if appropriate, or returned to the manufacturer for disposal **Under No circumstances should refrigerant be vented to atmosphere.** Where appropriate, drain the refrigerant oil from each system into a suitable container and dispose of according to local laws and regulations governing disposal of oily wastes.
3. Packaged unit can generally be removed in one piece after disconnection as above. Any fixing down bolts should be removed and then unit lifted from position using the points provided and equipment of adequate lifting capacity. Reference MUST be made to the unit installation instructions for unit weight and correct methods of lifting. Note that any residual or spilt refrigerant oil should be mopped up and disposed of as described above.
4. After removal from position the unit parts may be disposed of according to local laws and regulations.

Johnson Controls